

IN THE SPECIFICATION

Please amend paragraph [0068] as follows:

FIG. 3 illustrates a reception device according to one embodiment of the invention. The device comprises an array of antennae (300.sub.1) . . . (300.sub.L). Each antenna (300i) is connected to a battery of suitable filters (310.sub.i),  $i=1 \dots p$ , each filter (310.sub.1) being adapted to a path  $i$ . The outputs of the different filters (310.sub.i) relating to the same path  $i$  are connected to a conjoint estimation module (330.sub.i) implementing the estimation method described above and supplying a triplet of estimated values ( $\{\hat{\theta}\}_{\text{sub}.i}$ ,  $\{\hat{\nu}\}_{\text{sub}.i}$ ,  $\{\hat{\alpha}\}_{\text{sub}.i}$ ). The estimation is effected in parallel for all the paths. The output signals relating to the same path  $i=1 \dots P$  are also directed to ~~channel~~beam formation means (320.sub.1, . . . , 320.sub.p). The estimated value  $\{\hat{\theta}\}_{\text{sub}.i}$  supplied by the conjoint estimation module to the ~~channel~~beam former (320.sub.i) enables the latter to point its reception beam in the direction of arrival of the path  $i$ . In a variant embodiment which is not shown, each ~~channel~~beam former (320.sub.i) also receives the estimated values  $\{\hat{\theta}\}_{\text{sub}.i'}$  supplied by the other estimators (330.sub.i'),  $i' \neq i$ , of the paths  $i'$  of the same user. This enables the ~~channel~~beam former (320.sub.i) to place zeros in the reception diagram for the directions concerned ( $\{\hat{\theta}\}_{\text{sub}.i'}$ ,  $i' \neq i$ ) so as best to separate the signals received from different paths. The estimated values  $\{\hat{\nu}\}_{\text{sub}.i}$  and  $\{\hat{\alpha}\}_{\text{sub}.i}$  are transmitted to a complex multiplier (340.sub.i), which multiplies the output signal of the ~~channel~~beam former (320.sub.i) by the complex coefficient  $\{\hat{\alpha}\}_{\text{sub}.i} \cdot \{\hat{\nu}\}_{\text{sub}.i}^*$ , the conjugate of the complex coefficient of the channel. The outputs of the  $P$  multipliers are then

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summed in a summer (350) in order to supply an output of the MRC (Maximum Ratio  
Combining) type.

Please amend the Abstract on page 16 as shown on the following page: